



NEUTRAL SALT SPRAY TESTING REPORT

Client: Action Corrosion
Contact Name: Josh Burton
Issue Date: 18.10.16
Test Date: September 2016
Report No: 16-2811699-1
P/order No: 01000
Test Method: ASTM B117:2016 (Equivalent to AS 2331.3.1:2001)
Sample Description: Aluminium Control sample & Aluminium Coated sample

TEST RESULTS

Test No.	Sample ID	Duration (Hours)	Result
SS9486	Aluminium Control sample	291	After 291 hours exposure the 'Aluminium Control' sample showed slight/moderate coating change, the surface is dull, a white powdery finish covers approximately 70% of the surface with slight dark staining near the edges <i>*See Pages 2 of 2 for photo of samples after testing</i>
SS9487	Aluminium Action Clear Treated sample	291	After 291 hours exposure the 'Aluminium Action Clear Treated' Sample showed no significant change in appearance. <i>*See Pages 2 of 2 for photo of samples after testing</i>

Testing Officer: Kim Bray
Status: Materials Testing Officer



Accredited for compliance with ISO/IEC 17025.

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Accreditation No. 1267

AUTHORISED SIGNATORY

Bureau Veritas

Name Monty Luke Date 18-10-2016



**Aluminium Control Top
Aluminium Action Clear Treated Bottom
Samples after 291 Hours NSS testing**



NEUTRAL SALT SPRAY TESTING REPORT

Client: Action Corrosion
Contact Name: Josh Burton
Issue Date: 18.10.16
Test Date: September 2016
Report No: 16-2811699-2
P/Order No: 01000
Test Method: ASTM B117:2016 (Equivalent to AS 2331.3.1:2001)
Sample Description: Galvanised Steel Control sample & Galvanised Steel Coated sample

TEST RESULTS

Test No.	Sample ID	Duration (Hours)	Result
SS9488	Galvanised Steel Control sample	291	After 291 hours exposure the 'Galvanised Steel Control' sample showed a significant/severe change in appearance. Heavy white rust covered the entire surface area, with patches of red rust covering approximately 20% of the surface <i>*See Pages 2 of 2 for photo of samples after testing</i>
SS9489	Galvanised Steel Coated sample	291	After 291 hours exposure the '304 Stainless Steel Action Clear Coated' sample showed very slight changes in appearance, the surface is dulled with a few small patches of staining <i>*See Pages 2 of 2 for photo of samples after testing</i>

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Status: Materials Testing Officer



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Name Monty Luke

Date 18-10-2016



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**Galvanised Steel Control Top
Galvanised Action Clear Treated Bottom
Samples after 291 Hours NSS testing**



NEUTRAL SALT SPRAY TESTING REPORT

Client: Action Corrosion
Contact Name: Josh Burton
Issue Date: 18.10.16
Test Date: September 2016
Report No: 16-2811699-3
Test Method: ASTM B117:2016 (Equivalent to AS 2331.3.1:2001)
Sample Description: 304 Stainless Steel Control sample & 304 Stainless Steel Coated sample

TEST RESULTS

Test No.	Sample ID	Duration (Hours)	Result
SS9490	304 Stainless Steel Control sample	291	After 291 hours exposure the '304 Stainless Steel Action Control' sample showed a slight change in appearance. The surface was dulled with very slight staining occurring on the edges of the sample. <i>*See Pages 2 of 2 for photo of samples after testing</i>
SS9491	304 Stainless Steel Action Clear Treated sample	291	After 291 hours exposure the '304 Stainless Steel Action Clear Coated' sample showed no significant change in appearance. <i>*See Pages 2 of 2 for photo of samples after testing</i>

Testing Officer: Kim Bray
Status: Materials Testing Officer



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Name Monty Luke

Date 18-10-2016



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304 Stainless Steel Control Top
304 Stainless Steel Action Clear Treated Bottom
Samples after 291 Hours NSS testing



NEUTRAL SALT SPRAY TESTING REPORT

Client: Action Corrosion
Contact Name: Josh Burton
Issue Date: 18.10.16
Test Date: September 2016
Report No: 16-2811699-4
P/Order No: 01000
Test Method: ASTM B117:2016 (Equivalent to AS 2331.3.1:2001)
Sample Description: Mild Steel Control sample & Mild Steel Coated sample

TEST RESULTS

Test No.	Sample ID	Duration (Hours)	Result
SS9492	Mild Steel Control sample	291	After 291 hours exposure the 'Mild Steel Control' sample showed significant /severe coating change, over 90% of the surface area is covered with red corrosion products *See Pages 2 of 2 for photo of samples after testing
SS9493	Mild Steel Action Clear Coated sample	291	After 291 hours exposure the 'Mild Steel Action Clear Coated' sample showed no significant change in appearance. *See Pages 2 of 2 for photo of samples after testing

Testing Officer: Kim Bray
Status: Materials Testing Officer



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Mild Steel Control Top
Mild Steel Action Clear Treated Bottom
Samples after 291 Hours NSS testing



NEUTRAL SALT SPRAY TESTING REPORT

Client: Action Corrosion
Contact Name: Josh Burton
Issue Date: 18.10.16
Test Date: September 2016
Report No: 16-2811699-5
P/Order No: 01000
Test Method: ASTM B117:2016 (Equivalent to AS 2331.3.1:2001)
Sample Description: Mild Steel Coated & Cross etched Sample

TEST RESULTS

Test No.	Sample ID	Duration (Hours)	Result
SS9494	Mild Steel Coated & Cross etched Sample	291	After 291 hours exposure the 'Mild Steel Coated & Cross Etched 'sample showed evidence of blistering, a few pin hole rust points (<1mm) and approximately 3mm maximum creepage from the scribe line. <i>*See Pages 2 & 3 of 3 for photos</i>

Testing Officer: Kim Bray
Status: Materials Testing Officer



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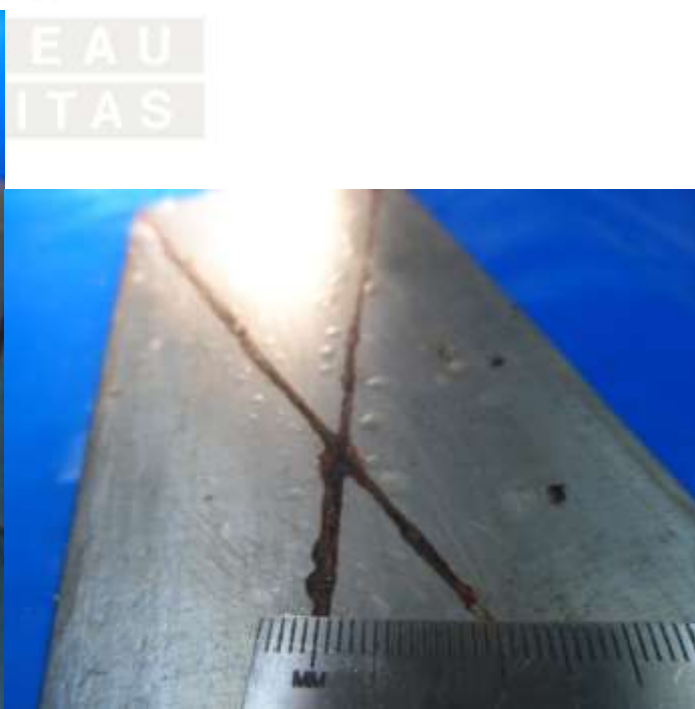
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Name Monty Luke

Date 18-10-2016



**Mild Steel Control Cross Etched
Sample after 291 hours NSS testing**



**Mild Steel Control Cross Etched
Showing creepage
Sample after 291 hours NSS testing**